

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of ROMITI

Application No.

Examiner:

Filed: Herewith

Group Art Unit:

For: APPARATUS FOR PROCESSING HIGHLY CORROSIVE AGENTS

**INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR 1.97(b)**

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Sir:

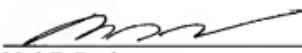
Pursuant to the Duty to Disclose under 37 C.F.R. §1.56, the references cited on the accompanying form PTO/SB/08A are hereby brought to the attention of the Examiner for independent evaluation. In accordance with the Rules in effect for applications filed after June 30, 2003, copies of U.S. patents and/or patent application publications are not enclosed. The references were cited in the International Search Report. A copy of the search report is enclosed.

**Certification**

This Statement is being filed concurrently with the filing of the present application, and this paper is thus submitted in accordance with 37 CFR §1.97(b). In view of the above certification, a fee is not required for consideration of these documents. Nevertheless, should a fee be deemed to be due by the Commissioner, such fee should be charged to Deposit Account No. 50-0951.

Respectfully submitted,

Dated: 6-1-06

  
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Docket No. 9526-91

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Substitute for form 1449PT10

**Complete If Known**

Application Number	
Filing Date	
First Named Inventor	ROMITI
Art Unit	
Examiner Name	
Attorney Docket Number	9526-91

### Shard

of 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **Applicant's unique citation designation number (optional):** See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.4. **Enter Office that issued the document:** by the two-letter code (WIPO Standard ST.3). **For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.** **Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.** **Applicant is to place a check mark here if English language**

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## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference URC055B10	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/EP2005/001934	International filing date (day/month/year) 24/02/2005
Applicant UREA CASALE S.A.	(Earliest) Priority Date (day/month/year) 16/03/2004

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The International search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b.  With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2.  Certain claims were found unsearchable (See Box II).

3.  Unity of Invention is lacking (see Box III).

4. With regard to the title,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the abstract,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this International search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 1

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b.  none of the figures is to be published with the abstract.

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/EP2005/001934

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

An apparatus for treating highly corrosive agents comprises a tube bundle (14) heat exchanger (10), structured to carry out a heat exchange between two fluids one of which is highly corrosive and flowing inside of said tube bundle (14), wherein said tube bundle (14) comprises at least one titanium alloy tube (14a), coated with a layer (25) of zirconium alloy.

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/001934A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 F28F19/06 F28F21/08 C01B21/12 C01C1/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F28F C01C C01B C07C C23F B32B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 03/095060 A (TESTA GIAN PIETRO ; SCOTTO ANDREA (IT); SNAM PROGETTI (IT); GANDOLFI G) 20 November 2003 (2003-11-20) page 18, line 1 – line 8; claims 1,10,16,21,22	1-12
Y	PATENT ABSTRACTS OF JAPAN vol. 0101, no. 07 (C-341), 22 April 1986 (1986-04-22) -& JP 60 238492 A (SUMITOMO KINZOKU KOGYO KK), 27 November 1985 (1985-11-27) abstract; figures	1-12
A	US 4 899 813 A (GRANELLI FRANCO ET AL) 13 February 1990 (1990-02-13) abstract; figures	1-12

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority (claims) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in this art

\*Z\* document member of the same patent family

Date of the actual completion of the International search

26 May 2005

Date of mailing of the International search report

02/06/2005

Name and mailing address of the ISA

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Mootz, F

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/001934

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 965 410 A (WARREN RAYMOND) 22 December 1999 (1999-12-22) column 3, line 41 – line 43 -----	1
A	WO 02/099352 A (HONEYWELL INT INC) 12 December 2002 (2002-12-12) page 2, paragraph 12 page 11, paragraph 37; figures -----	1

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/001934

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
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